

Title: The proposal of the Geological Trails in the Area of the Rychleby Mts.

Abstract:

This thesis is devoted to draft for new nature trails in the area of the Rychleby Mts. with a specific focus on geology. The proposed trails are preceded by detailed characteristics of geomorphology, geology and stratigraphy of the studied area. The trails are located in two areas, i. e. the northern part of the Rychleby Mts. (Račí údolí – Zálesí – Javorník) and Žulová highlands (Around Žulová pluton). The first mentioned trail is designed in two levels of difficulty for elementary and secondary schools. The trail are supplemented by specific guidebooks, worksheets and the “Didactic recommendation for teachers”, which included general didactic recommendations, next detailed information about the trails and suggestions for other additional activities. The trails had been verified in practice on students, amateurs and experts. The effectiveness of the trails was evaluated through surveys with participants. It has been proved that the trails are suitable complement of education process mainly for natural science and the trails are also useful for non-educational leisure activities for visitors of these areas.

Key words:

nature trail, the Rychleby Mts., excursion, pedagogical uses